



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

by a weight, and suspended in a cistern of water; which always has a tendency to sink when not kept up by the gas forced into it by the action of the furnace, and which consequently always drives the gas outwards, whenever the cocks are opened to admit its escape, and thereby effectually prevents the admission of air through the pipes, at the commencement and termination of the operation; from which the patentee, with some reason, apprehends such alarming accidents; and a satisfactory proof of its perfect adequacy for this purpose arises from the fact, that we have no account of the smallest explosion having occurred in any gas apparatus where the balanced gas-holders mentioned were used; and moreover the security which this contrivance gives, is considered so complete, that it has never been thought worth while to add valves where the gas departs from the gas-holder, to prevent its return; a most obvious means for this purpose, though thought by the patentee to be impossible.

But though this apparatus so pompously announced, instead of surpassing those previously made, is inferior to most of them, and though the patentee cannot be permitted to assume the station of first inventor of the application of coal gas to useful purposes, which he so earnestly strove to effect; yet he must be allowed the merit of having greatly

contributed to excite general attention to this useful contrivance, and to give it the extensive notice it now possesses, which but for him, it is probable for a long period hence, it would not have attained.

If the merit of the different persons, who have applied themselves to the construction of apparatus for making coal gas, was estimated, that of each would probably be found to arise from the following considerations.

Mr. Murdoch has the merit of being the first who invented and constructed an extensive apparatus for coal gas.

Mr. Cook, of Birmingham, was the first who brought the plan within the reach of the lesser artificers, fitted it for small works, and applied it to supply soldering lamps, and those for working glass ornaments.

Mr. Clegg, of Manchester, was the first who gave the public accurate plans, and drawings of the apparatus, for extensive purposes, which plans may be seen in the 26th vol. of the transactions of the society of arts.

And Mr. Winsor by his lectures, advertisements, patents, extraordinary plan for a gas company with a vast capital, and his act of parliament, has most brought the invention into notice, and contributed to its present extensive publicity.

LIST OF NEW PUBLICATIONS.

CLASSICS.

THE original text of Juvenal and Persius cleared of the most exceptionable Passages, with Notes, &c. by Rev. Edward Owen, M.A. 5s.

Ciceronis Opera Omnia ex recensione, To Aug. Ernesti, Notis adjunctis; 8 vols. 6l.

HISTORY.

The Chronicle of the Kings of Britain; Translated from the Welsh Copy,

attributed to Tysilio; by Peter Roberts, A.M. 2l. 2s.

The first part of the History of Ancient Wiltshire, 4l. 4s.

LAW.

A new Edition of Burns' Justice, being the 21st, with many Additions, 16s.

The Principles and Law of Tithing; by F. Plowden, esq. Barrister, 16s.

A familiar explanation of the law of Wills; by T. E. Tomkins, Barrister, 3s. 6d.

A Treatise on Wills and Codicils; by William Roberts, Barrister, 19s.

The Law of Principal and Accessary, with an examination of the new Rule, affecting Abettors present at Murder, and other important points; by U. O'De- dy, esq. Barrister at Law, 4s. 6d.

MATHEMATICS.

A Treatise on Isoperimetrical Problems, and the Calculus of Variations; by Robert Woodhouse, A.M. F.R.S. 6s.

MEDICINE AND SURGERY.

Observations on the principal Diseases incident to Seamen and Soldiers; by Robt. Robertson, M.D. F.R.S. £2. 2s.

Surgical Observations, Part. 3, on Injuries of the Head, &c. by John Abernethy, Esq. F.R.S. &c. &c. 7s.

Illustrations of Madness, by John Haslam, 5s. 6d.

A Treatise on the Venereal Disease, by John Hunter. with an Introductory Commentary, by Joseph Adams, M.D. 14s.

A Dissertation on Insanity, illustrated by Tables, extracted from between 2 and 3000 Cases in Bedlam; by Wm. Black, M.D.

A Treatise on Insanity, containing a new and more practical Nosology of Maniacal Disorders, than has yet been published, translated from the French of Ph. Pnel; by D. D. Davis, M.D. 9s.

On the State of Vaccination in 1810, a Letter to the Hon. Richard Ryder; by Charles Maclean, M.D. 2s. 6d.

Practical Observations on the Sclerocoele, and other morbid enlargements of the Testicle; with the Cause and Cure of Spurious and Chronic Hydrocele; by Thomas Ramsden, Surgeon to Christ's Hospital, 7s. 6d.

A Familiar Treatise on the Prevention and Cure of Asthma, difficulty of Breathing, Wheezing, and Winter Cough; with directions for the use of the Herb Stramonium, (smoked as Tobacco) 2s.

A Practical Treatise on the Morbid Sensibility of the eye, commonly called Weakness of Sight; by John Stephenson, member of the College of Surgeons, 5s.

NOVELS AND TALES.

Isadora of Milan, 25s.

The Royal Exile, or Victims of Human Passions; by Mrs. Green, £1.

Pamela, a new Edition, £1.

The Mourtray Family; by Mrs. Hervey, 12s.

Bath and London; or Scenes in each; a Novel, 21s.

Incident and Interest, or Copies from Nature; by Miss Squire, 9s.

The Vale of Clyde, a Tale, 9s.

POETRY.

The complete Works of John Dryden, with Notes, &c. by Walter Scott, esq. £9. 9s.

The Pleasures of Possession, or the enjoyment of the present moment, contrasted with those of Hope and Memory, a Poem; by Charles Verral, 10s. 6d.

The Pleaders Guide; a Didactic Poem; with Pleadings in a Suit at Law, between John-a-Gull and John-a-Gudgeon; by J. Anstey, esq. (7th Edition.) 7s. 6d.

The fifth, or Paper Age, a Satire, exhibiting the Extrinsic Advantages of Intrinsic defects, 5s.

POLITICS.

Copies from a Correspondence, &c. between Mr. Huskinson, Mr. Perceval, &c. &c. on the Waste and Abuses in the Military Establishments and Expenditures; by I. I. Vassar, Esq. 5s.

The Veil removed, or an Expose of the means adopted by the Right Hon. Spencer Perceval, and the Lords Eldon and Liverpool to obtain power; by the translator of Machiavel's Prince.

Regency.—An Impartial Report of all the Proceedings in Parliament on the late Important Subject of a Regency. 10s. 6d.

An Essay on the Natural Equality of Mankind, the Rights which result from it, and the Duties it imposes; by Wm. Laurence Brown, D.D. Principal of the Marischal College, and University, Aberdeen. 6s.

RELIGION.

Papers on Toleration; by the Rev. Christopher Wyvill, 5s.

Reflections on the shortness of time, delivered at the Octagon Chapel, Bath; by Rev. J. Gardiner, D.D. on the occasion of the general Mourning for the Princess Amelia, 1s. 6d.

The Series of Lectures on the Scripture Miracles; by William Bengo Collyer, D.D.

Family Sermons for every Sunday in the year; from the Works of Secker; by Beulby Porteus, D.D. late Bishop of London.

An Historical Review of the rise and progress of Infidelity, with a Refutation of its Principles, in a Series of Sermons; by Rev. William Van Mildert, M.A. rector of St. Mary le Bon, £1.

Select Passages of the Writings of St. Chrysostom, St. Gregory Nazianzen, and St. Basil; translated from the Greek, by Hugh Stuart Boyd. 12s.

Sermons to Country Congregations; by the Rev. George Haggitt, M.A. 14s.

An Analysis of Hooker's Eight Books of Ecclesiastical Polity; by the Rev. J. Collinson, M.A. 10s. 6d.

A Concise Manual of the Principles and Duty of a Christian by the Rev. John Maule, A.M. 2s. 6d.

Prayers Collected from the Several Writings of Jeremy Taylor, Bishop of Down and Connor; by the Rev. Samuel Chapman, M.A. 8s.

The Scripture Lexicon, or a Dictionary of about 4000 Proper Names of Places and Persons, mentioned in the Bible; by Peter Oliver, L.L.D. 8s.

TOPOGRAPHY.

The Itinerary of Greece, with 28 plates; by Wm. Gell, esq. F.R.S. £2. 12s. 6d.

Wallis' London—A Compleat Guide to the British Capital. 7s.

An Account of the British Settlement of Honduras; by Capt. Henderson. 7s.

A Second Journey to Spain, in 1809; by Robt. Semple. 8s.

An Account of the Past and Present State of the Isle of Man, with Sketches of its Mineralogy, Laws, Privileges, and its History.

Bloomefield's Topographical History of the County of Norfolk; in Eleven Vols. £9. 18s.

The Picture of New South Wales, its Trade, Agriculture, Natural History, &c. &c. by D. D. Mann, many years a Resident there. £3. 13s. 6d.

The Antiquarian and Topographical Cabinet containing 50 plates, 8th Vol. 15s.

MISCELLANIES.

An Inquiry into the Causes of the present High Price of Bullion; by John Hill. 5s.

A Minute Detail of the Attempt to Assassinate the Duke of Cumberland. 4s. 6d.

The 39th No. of the Satirist, containing, besides many other articles, an enquiry whether the Hottentot Venus be not descended from an ancestor of the Grenville Family; and the Regency viewed in a new light, 2s. 6d.

DUBLIN MAG. NO XXIX,

A Description of the ancient Terracottas, in the British Museum; by T. Combe, esq.

The Theory of Dreams, Illustrated by the most Remarkable Dreams, Recorded in Sacred and Profane History, 7s.

Remains of Arabic and Persian in the Spanish and Portuguese Languages; with the History of Spain from the Invasion to the expulsion of the Moors; also, the Conquest of the Miao Tse, by Kien Eung; Translated from the Chinese, with plates; by Stephen Weston, B.D. F.R.S.

A new Map of Spain and Portugal, on nine Sheets; by E. Mentelle, 1£. 11s. 6d.

Another on 4 sheets, by Don Thomas Lopez, £1. 1s.

And a third on one sheet, 7s.

An Appeal to the Public, by Mr. Dubost, against the Calumnies of the Examiner, with the Correspondence between him and Mr. Thos. Hope.

The Universal Atlas, for the Use of Schools; 26 Maps, 10s. 6d.

Select Scottish Songs, Ancient and Modern; by Robert Burns, 16s.

Remains of Nithsdale and Galloway Song, with Historical and Traditional Notices relative to the Manners and Customs of the Peasantry; by R. H. Cromek, F.A.S. 12s.

Second Letter of Columbanus, with part I, of an Historical Address on the Calamities occasioned by Foreign Influence in the nomination of Bishops to Irish Sees; by the Rev. C. O'Connor, D.D.

Sir John Seabright's Letter on the art of Improving the Breeds of Domestic Animals. 2s. 6d.

Gay's Fables; a new Edition with Notes; by W. Coxę, A.M. F.R.S. ornamented with 52 new wood Cuts, 3s. 6d.

A set of Plates to Illustrate Scripture History, consisting of 100 Subjects, from new Designs, by W. Craig and J. Thurston; Engraved on Wood by Bewick, Branstons, Nesbit and Clennel, &c. 18s.

The Annual Register (new series) from 1791 to 1808, 11£. 5s.

A Treatise on the Coins of the Realm; by the late Earl of Liverpool, 1£. 1s.

A new splendid Historical Chart of the Annals of England, from the Conquest to the present time; by Wm. Ticken, 9s.

Brief Remarks on the Character and Composition of the Russian Army; by Sir Robert Wilson, Knt. 1£. 11s. 6d.

MI III III